

OPTIMUS[®]

Cat. No. 33-3017

Unidirectional Condenser Microphone

Your Optimus Unidirectional Condenser Microphone delivers acoustic clarity and accuracy. The unidirectional pickup pattern controls feedback, reduces pickup of undesired signals and provides increased sensitivity. Your microphone is intended for use in high-quality recording and sound-reinforcement applications where wide, smooth frequency response is needed. Its features include:

Flat Frequency Response — offers faithful sound pickup.

Recessed On/Off Switch — helps prevent you from accidentally turning your microphone on or off.

Unidirectional Polar Pickup Pattern — reduces feedback and pickup of unwanted signals.

Balanced Low-Impedance Output — compatible with professional or amateur equipment with a phone jack. (You need an adapter, available from your local RadioShack store, to use the microphone with equipment that has an XLR input.)

Wire-Mesh Windscreen — reduces wind noise and breath pops. To further reduce wind/breathing noise, use an additional windscreen, such as Cat. No. 33-378.

Included Accessories

16-Foot Cable with 3-Pin (XLR) Connector — for easy connection to professional-quality public address systems with unbalanced mic hookups.

Microphone Holder — lets you use the microphone with a stand.

INSTALLING A BATTERY

You need one AA battery (not supplied) to power your microphone. We recommend an alkaline battery, such as Cat. No. 23-552.

(show polarity)

1. Unscrew the microphone's lower case.
2. Install the AA battery according to the polarity symbols (+ and -) marked inside the battery compartment.

USING THE MICROPHONE

To turn on the microphone, slide the microphone's switch to **ON**.

To temporarily disable the microphone (without hearing a "pop" when you turn it off), slide the switch to **STBY** (standby).

Slide the switch to **OFF** to turn the microphone off when you are not using it.

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SPECIFICATIONS

Microphone Type Electret Condenser
Frequency Response 70 to 15,000 Hz
Directivity Unidirectional
Impedance 600 Ohms
Sensitivity -66 ± 3 dB
Signal-to-Noise Ratio 40 dB (at 94 dB SPL)
Battery Type 1.5 Volt AA Type
Current Drain Less Than 1 mA
Battery Life (with alkaline battery) More Than 1,000 Hours

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

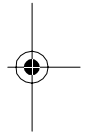
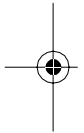
FREQUENCY RESPONSE

POLAR PICKUP PATTERN

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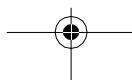
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RadioShack Limited Warranty

This product is warranted against defects for 90 days from date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your RadioShack sales slip** as proof of purchase date to any RadioShack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

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We Service What We Sell

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